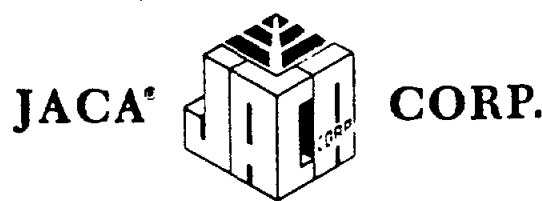


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Environmental Consultants • Engineers

May 15, 1989

Mr. Christopher Pilla
U.S. Environmental Protection Agency
Region III
841 Chestnut Blvd.
Philadelphia, PA 19107

Re: CryoChem RI/FS
Monthly Progress Report

Dear Mr. Pilla:

In accordance with Section VIII.E of the Consent Order regarding JACA's performance of the CryoChem RI/FS, we submit this progress report regarding project activities in the period of April 13, 1989 through May 13, 1989.

1. All shallow/unconsolidated and deep/bedrock monitor wells were installed.

Preliminary analyses of water collected from the bedrock wells during drilling indicated no appreciable concentrations of volatile organics in any of the wells except RI-2. This monitor well is located immediately behind the CryoChem shop. These results only prove the presence of contaminants but because of the nature of their collection, via air rotary, they cannot confirm the absence of volatiles in the ground water.

The leak test of the sump pit revealed a loss of 0.27 gallons over one week of monitoring. Some or all of this observed loss may be due to evaporation and measurement error due to cooling temperatures.

2. Conclusions and presumptions concerning groundwater quality from the recently installed monitor wells should not be made at this time based upon drilling discharge water quality. The drilling discharge water may have lost some of its volatiles from air being blown through it during drilling. Thus, the preliminary water quality analyses can only reveal the presence and not absence of volatiles at this time. Those analyses can be used, however, for decision purposes regarding disposal of drilling water.

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3. The following work is tentatively scheduled for the next 30 day period:

The monitor wells will be conditioned by pumping.

Monitor well sampling will occur during the week of May 15, 1989.

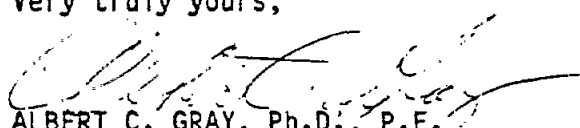
Borehole camera surveys by W.C. Services of the monitor wells will occur on May 18, 1989 and caliper/temperature surveys performed by JACA are planned during the week of May 30, 1989.

Slug and packer tests will be performed the week of May 30, 1989.

4. There were no significant problems encountered during the past 30 days. Work is progressing on schedule, based upon approval by the EPA to proceed with Phase II of our study on January 31, 1989.

Please contact us should you have any questions regarding this progress report.

Very truly yours,


ALBERT C. GRAY, Ph.D., P.E.
Vice President, Water Pollution
and Hazardous Waste Operations

ACG:dee

cc: Ron Putt - CryoChem
Brian Boyd - PA DER

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